

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/000942

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04B 7/08, H01Q 21/30
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9926317 A1 (RADIO DESIGN INNOVATION TJ AB), 27 May 1999 (27.05.1999), page 2, line 27 - page 3, line 21 --	1-18
A	US 5280472 A (GILHOUSEN, K.S. ET AL), 18 January 1994 (18.01.1994), column 5, line 55 - column 8, line 8 -- -----	1-18

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
---	---

Date of the actual completion of the international search 24 January 2005	Date of mailing of the international search report 02 -02- 2005
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Fredrik Blomqvist /OGU Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/12/2004

International application No.

PCT/SE 2004/000942

WO	9926317	A1	27/05/1999	AU	9770998	A	07/06/1999
				SE	511423	C	27/09/1999
				SE	9704181	D	00/00/0000
				SE	9800778	A	15/05/1999
				AU	754045	B	31/10/2002
				AU	7354998	A	24/11/1998
				BR	9809009	A	08/08/2000
				EE	9900483	A	15/06/2000
				EP	0979570	A	16/02/2000
				JP	2001522559	T	13/11/2001
<hr/>							
US	5280472	A	18/01/1994	US	5513176	A	30/04/1996
				US	5533011	A	02/07/1996
				US	5602834	A	11/02/1997
				AU	652602	B	01/09/1994
				AU	9138691	A	08/07/1992
				BG	61052	B	30/09/1996
				BG	97842	A	25/04/1994
				BR	9107213	A	03/11/1993
				CA	2097066	A,C	08/06/1992
				CZ	282725	B	17/09/1997
				CZ	9301097	A	13/04/1994
				FI	111306	B	00/00/0000
				FI	932523	A	02/08/1993
				HU	64655	A	28/01/1994
				HU	216923	B	28/10/1999
				HU	9301626	D	00/00/0000
				IL	100213	A	30/03/1995
				JP	3325890	B	17/09/2002
				JP	6504660	T	26/05/1994
				KR	9700790	B	20/01/1997
				MX	173446	B	03/03/1994
				MX	9102432	A	01/06/1992
				NO	316199	B	22/12/2003
				NO	932041	A	04/06/1993
				RU	2111619	C	20/05/1998
				SK	57193	A	06/10/1993
				SK	280276	B	08/10/1999
				WO	9210890	A	25/06/1992